

RAW SEQUENCE LISTING

DATE: 01/02/2002

PATENT APPLICATION: US/10/017,327

TIME: 10:37:40

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\01022002\J017327.raw

4 <110> APPLICANT: Charles A. Nicolette
 6 <120> TITLE OF INVENTION: COMPOUNDS FOR THERAPY AND DIAGNOSIS AND
 7 METHODS FOR USING SAME
 10 <130> FILE REFERENCE: GZ 2101.20
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/017,327
 C--> 12 <141> CURRENT FILING DATE: 2001-12-06

12 <160> NUMBER OF SEQ ID NOS: 11
 14 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 16 <210> SEQ ID NO: 1
 17 <211> LENGTH: 1280
 18 <212> TYPE: DNA
 19 <213> ORGANISM: Homo sapiens
 21 <400> SEQUENCE: 1

ENTERED

22 gaaagatggc gtcccgcaag gaaggtaccg gctctactgc cacctcttcc agctccaccg 60
 23 ccggcgagc agggaaaggc aaaggcaaaag gcggctcggg agattcagcc gtgaagcaag 120
 24 tgcagataga tggccttgtg gtattaaaga taatcaaaca ttatcaagaa gaaggacaag 180
 25 gaactgaagt tggtcaagga gtgcttttgg gtctggttgt agaagatcgg cttgaaatta 240
 26 ccaactgctt tcctttccct cagcacacag aggatgatgc tgactttgat gaagtccaat 300
 27 atcagatgga aatgatgcgg agccttcgcc atgtaaacaat tgatcatctt cacgtgggct 360
 28 ggtatcagtc cacatactat ggctcattcg ttaccctggc actcctggac tctcagttta 420
 29 gttaccagca tgccattgaa gaatctgtcg ttctcattta tgatcccata aaaactgccc 480
 30 aaggatctct ctactaaag gcatacagac tgactcctaa actgatggaa gtttgtaaaag 540
 31 aaaaggattt ttcccctgaa gcattgaaaa aagcaaatat cacctttgag tacatgtttg 600
 32 aagaagtgcc gattgtaatt aaaaattcac atctgatcaa tgtcctaata tgggaacttg 660
 33 aaaagaagtc agctgttgca gataaacatg aattgctcag ccttgccagc agcaatcatt 720
 34 tggggaagaa tctacagttg ctgatggaca gagtggatga aatgagccaa gatatagtta 780
 35 aatacaacac atacatgagg aatactagta aacaacagca gcagaaacat cagtatcagc 840
 36 agcgtcgcca gcaggagaat atgcagcgcc agagccgagg agaacccccg ctccctgagg 900
 37 aggacctgtc caaactcttc aaaccaccac agccgcctgc caggatggac tcgctgctca 960
 38 ttgcaggcca gataaacact tactgccaga acatcaagga gttcactgcc caaaacttag 1020
 39 gcaagctctt catggcccag gctcttcaag aatacaacaa ctaagaaaag gaagtttcca 1080
 40 gaaaagaagt taacatgaac tcttgaagtc acaccagggc aactccttga agaaatatat 1140
 41 ttgcatattg aaaagcacag aggttttctt tagtgtcatt gccgattttg gctataacag 1200
 42 tgtcttttcta gccataataa aataaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 1260
 43 aaaaaaaaaa aaaaaaaaaa 1280

45 <210> SEQ ID NO: 2
 46 <211> LENGTH: 352
 47 <212> TYPE: PRT
 48 <213> ORGANISM: Homo sapiens
 50 <400> SEQUENCE: 2

51 Met Ala Ser Arg Lys Glu Gly Thr Gly Ser Thr Ala Thr Ser Ser Ser
 52 1 5 10 15
 53 Ser Thr Ala Gly Ala Ala Gly Lys Gly Lys Gly Lys Gly Gly Ser Gly
 54 20 25 30
 55 Asp Ser Ala Val Lys Gln Val Gln Ile Asp Gly Leu Val Val Leu Lys
 56 35 40 45
 57 Ile Ile Lys His Tyr Gln Glu Glu Gly Gln Gly Thr Glu Val Val Gln

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58      50      55      60
59 Gly Val Leu Leu Gly Leu Val Val Glu Asp Arg Leu Glu Ile Thr Asn
60 65      70      75      80
61 Cys Phe Pro Phe Pro Gln His Thr Glu Asp Asp Ala Asp Phe Asp Glu
62      85      90      95
63 Val Gln Tyr Gln Met Glu Met Met Arg Ser Leu Arg His Val Asn Ile
64      100      105      110
65 Asp His Leu His Val Gly Trp Tyr Glu Ser Thr Tyr Tyr Gly Ser Phe
66      115      120      125
67 Val Thr Arg Ala Leu Leu Asp Ser Gln Phe Ser Tyr Gln His Ala Ile
68      130      135      140
69 Glu Glu Ser Val Val Leu Ile Tyr Asp Pro Ile Lys Thr Ala Gln Gly
70 145      150      155      160
71 Ser Leu Ser Leu Lys Ala Tyr Arg Leu Thr Pro Lys Leu Met Glu Val
72      165      170      175
73 Cys Lys Glu Lys Asp Phe Ser Pro Glu Ala Leu Lys Lys Ala Asn Ile
74      180      185      190
75 Thr Phe Glu Tyr Met Phe Glu Glu Val Pro Ile Val Ile Lys Asn Ser
76      195      200      205
77 His Leu Ile Asn Val Leu Met Trp Glu Leu Glu Lys Lys Ser Ala Val
78      210      215      220
79 Ala Asp Lys His Glu Leu Leu Ser Leu Ala Ser Ser Asn His Leu Gly
80 225      230      235      240
81 Lys Asn Leu Gln Leu Leu Met Asp Arg Val Asp Glu Met Ser Gln Asp
82      245      250      255
83 Ile Val Lys Tyr Asn Thr Tyr Met Arg Asn Thr Ser Lys Gln Gln Gln
84      260      265      270
85 Gln Lys His Gln Tyr Gln Gln Arg Arg Gln Gln Glu Asn Met Gln Arg
86      275      280      285
87 Gln Ser Arg Gly Glu Pro Pro Leu Pro Glu Glu Asp Leu Ser Lys Leu
88      290      295      300
89 Phe Lys Pro Pro Gln Pro Pro Ala Arg Met Asp Ser Leu Leu Ile Ala
90 305      310      315      320
91 Gly Gln Ile Asn Thr Tyr Cys Gln Asn Ile Lys Glu Phe Thr Ala Gln
92      325      330      335
93 Asn Leu Gly Lys Leu Phe Met Ala Gln Ala Leu Gln Glu Tyr Asn Asn
94      340      345      350
97 <210> SEQ ID NO: 3
98 <211> LENGTH: 9
99 <212> TYPE: PRT
100 <213> ORGANISM: Homo sapiens
102 <400> SEQUENCE: 3
103 Phe Leu Gln Leu Leu Met Glu Pro Val
104 1      5
107 <210> SEQ ID NO: 4
108 <211> LENGTH: 27
109 <212> TYPE: DNA
110 <213> ORGANISM: Homo sapiens
112 <220> FEATURE:

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Input Set : A:\Seqlist.txt

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113 <221> NAME/KEY: misc_feature
 114 <222> LOCATION: 6, 10, 12, 13, 15, 24, 27
 115 <223> OTHER INFORMATION: n = A,T,C or G
 117 <400> SEQUENCE: 4
 WOK 118 ttttytncarn tntnatgga rccngtn 27
 120 <210> SEQ ID NO: 5
 121 <211> LENGTH: 9
 122 <212> TYPE: PRT
 123 <213> ORGANISM: Homo sapiens
 125 <400> SEQUENCE: 5
 126 Phe Leu Gln Leu Glu Phe Asp Ala Val
 127 1 5
 130 <210> SEQ ID NO: 6
 131 <211> LENGTH: 27
 132 <212> TYPE: DNA
 133 <213> ORGANISM: Homo sapiens
 135 <220> FEATURE:
 136 <221> NAME/KEY: misc_feature /
 137 <222> LOCATION: 6, 10, 12, 24, 27
 138 <223> OTHER INFORMATION: n = A,T,C or G
 140 <400> SEQUENCE: 6
 WOK 141 ttttytncarn tngarttyga ygcngtn 27
 143 <210> SEQ ID NO: 7
 144 <211> LENGTH: 9
 145 <212> TYPE: PRT
 146 <213> ORGANISM: Homo sapiens
 148 <400> SEQUENCE: 7
 149 Phe Leu Trp Phe Glu Ile Asp Ile Val
 150 1 5
 153 <210> SEQ ID NO: 8
 154 <211> LENGTH: 27
 155 <212> TYPE: DNA
 156 <213> ORGANISM: Homo sapiens
 158 <220> FEATURE:
 159 <221> NAME/KEY: misc_feature
 160 <222> LOCATION: 6, 27
 161 <223> OTHER INFORMATION: n = A,T,C or G
 163 <400> SEQUENCE: 8
 WOK 164 ttttytntggt tygarathga yathgtn 27
 166 <210> SEQ ID NO: 9
 167 <211> LENGTH: 9
 168 <212> TYPE: PRT
 169 <213> ORGANISM: Homo sapiens
 171 <400> SEQUENCE: 9
 172 Phe Leu Ser Tyr Asp Leu Phe Val Val
 173 1 5
 176 <210> SEQ ID NO: 10
 177 <211> LENGTH: 27
 178 <212> TYPE: DNA

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Input Set : A:\Seqlist.txt
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179 <213> ORGANISM: 10
181 <220> FEATURE:
182 <221> NAME/KEY: misc_feature
183 <222> LOCATION: 6, 9, 18, 24, 27
184 <223> OTHER INFORMATION: n = A,T,C or G
186 <400> SEQUENCE: 10
wK> 187 ttyytnwsnt aygayytntt ygtngtn
189 <210> SEQ ID NO: 11
190 <211> LENGTH: 9
191 <212> TYPE: PRT
192 <213> ORGANISM: Homo sapiens
194 <400> SEQUENCE: 11
195 Asn Leu Gln Leu Leu Met Asp Arg Val
196 1 5

27

VERIFICATION SUMMARY

DATE: 01/02/2002

PATENT APPLICATION: US/10/017,327

TIME: 10:37:41

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\01022002\J017327.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:118 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:164 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:187 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10